

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	84	card with cable with player	USPAT	OR	ON	2007/03/03 15:08
S1	667	(713/193).CCLS.	USPAT; USOCR	OR	OFF	2007/02/27 13:57
S2	347	(713/171).CCLS.	USPAT; USOCR	OR	OFF	2006/05/31 17:35
S3	2	(player recorder recording adj medium) same (exchang\$3 send\$3) near3 (encryption adj key) with (user adj (identification identifier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:37
S4	1	(player recorder recording adj medium) same (encrypt\$3 scrambl\$3 cipher\$3 encipher\$3) same (playback play adj back) near3 (encrypt\$3) with (user adj (identification identifier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:40
S5	3	(player recorder recording adj medium) same (encrypt\$3 scrambl\$3 cipher\$3 encipher\$3) same (playback play adj back) same (encrypt\$3) with (user adj (identification identifier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:41
S6	0	kupka-michael.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:41
S7	317	kupka.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:42
S8	5	kupka.in. and hawkins.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:26
S9	917	(713/182).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/31 21:27
S10	1	("6170061").PN.	USPAT; USOCR	OR	OFF	2006/06/01 15:27
S11	1	("6070246").PN.	USPAT; USOCR	OR	OFF	2006/06/01 15:27

## EAST Search History

S12	1	("6070246").PN.	USPAT; USOCR	OR	OFF	2006/06/01 22:42
S13	1	("6381682").PN.	USPAT; USOCR	OR	OFF	2006/06/02 13:56
S14	2	("2717847").PN.	USPAT; USOCR	OR	OFF	2006/06/02 16:09
S15	1	("20020124182").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/02 16:10
S16	2	opportunity and "20020124182"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:11
S17	2	((("20040088544") or ("20040085955")).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/02 21:19
S18	0	("20020004884").PN.	USPAT; USOCR	OR	OFF	2006/09/25 14:39
S19	1	("20020004884").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 14:39
S20	6	((("20020004884") or ("6,170,060") or ("6,453,369") or ("6,681,015") or ("6,738,877") or ("5,596,639")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 13:00
S21	0	masaki-mochizuki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:01
S22	97	mochizuki-masaki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:01
S23	5	("4757534"   "5392351"   "5400319"   "5881038"   "5886979").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 13:03
S24	108	("4757534").URPN.	USPAT	OR	ON	2006/09/26 13:15
S25	5	naruki-hidetoshi.in.	USPAT	OR	ON	2006/09/26 13:16
S26	10	naruki-hidetoshi.in.	US-PGPUB; USPAT	OR	ON	2006/09/26 13:16

## EAST Search History

S27	90	("20020007456"   "20020073336"   "3609697"   "3798605"   "3806882"   "3956615"   "4168396"   "4253157"   "4278837"   "4319079"   "4433207"   "4458315"   "4528643"   "4593376"   "4658093"   "4683553"   "4685055"   "4688169"   "4740890"   "4747139"   "4757534"   "4796220"   "4817140"   "4827508"   "4864494"   "4864616"   "4885778"   "4888798"   "4896346"   "4924378"   "4949248"   "4949379"   "4991208"   "4998279"   "4999806"   "5010571"   "5023907"   "5027398"   "5046090"   "5046092"   "5047928"   "5054064"   "5058162"   "5065429"   "5070479"   "5099516"   "5103476"   "5109413"   "5113518"   "5117458"   "5119319"   "5126728"   "5138712"   "5166886"   "5199066"   "5222134"   "5235642"   "5257373"   "5260999"   "5291598"   "5293452"   "5305447"   "5337360"   "5363483"   "5438508"   "5479509"   "5490216"   "5495411"   "5509070"   "5530752"   "5606609"   "5629980"   "5634012"   "5638443"   "5646992"   "5649013"   "5717604"   "5754864"   "5765152"   "5790664"   "5933497"   "6189146"   "6243692"   "6256393"   "6266654"   "6298317"   "6343280"   "6343295"   "6434558"   "6829368").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:18
S28	1	(cryptographic adj key adj generation adj using adj biometric).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:32
S29	0	kupka-michael.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:32
S30	113	kupka.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:00
S31	207	kupka.in.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:00
S32	0	kupka.in. and (compound adj key).ti.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:01

## EAST Search History

S33	2	kupka.in. and (compound adj key)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 14:47
S34	778	((713/171) or (713/191)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 15:27
S35	58	S34 and (@pd > "20060601")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:27
S36	1	("20030221113").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 13:24
S37	2	("2003/0221113").URPN.	USPAT	OR	ON	2006/09/27 14:06
S38	493	(encrypt\$3 scrambl\$3) near5 user adj (information name id password)	USPAT	OR	ON	2006/09/27 14:07
S39	186	(encrypt\$3 scrambl\$3) near5 user adj (information name id password) same (transmit\$4 send\$3 exchang\$3).	USPAT	OR	ON	2006/09/27 14:09
S40	83	(encrypt\$3 scrambl\$3) near5 user adj (information name id password) same (transmit\$4 send\$3 exchang\$3) same (record\$3 sav\$3 stor\$3)	USPAT	OR	ON	2006/09/29 17:08
S41	0	(encrypt\$3 scrambl\$3) near5 user adj (information name id password) same (transmit\$4 send\$3 exchang\$3) same (record\$3 sav\$3 stor\$3) same player	USPAT	OR	ON	2006/09/27 14:18
S42	0	(encrypt\$3 scrambl\$3) near5 user adj (information name id password) same (transmit\$4 send\$3 exchang\$3) same player	USPAT	OR	ON	2006/09/27 14:18
S43	21	(encrypt\$3 scrambl\$3) near5 user adj (information name id password) same (transmit\$4 send\$3 exchang\$3) and player	USPAT	OR	ON	2006/09/27 14:20
S44	64	(encrypt\$3 scrambl\$3) same user adj (information name id password) with (transmit\$4 send\$3 exchang\$3) and player	USPAT	OR	ON	2006/09/27 14:25
S45	186	(encrypt\$3 scrambl\$3) near5 user adj (information name id password) same (transmit\$4 send\$3 exchang\$3)	USPAT	OR	ON	2006/09/27 14:25
S46	41	("5751813").URPN.	USPAT	OR	ON	2006/09/27 14:35

## EAST Search History

S47	843	(encrypt\$3 scrambl\$3) near5 (user adj (information name id identifier) username password) same (transmit\$4 send\$3 exchang\$3)	USPAT	OR	ON	2006/09/29 17:11
S48	535	(encrypt\$3 scrambl\$3) near5 (user adj (information name id identifier) username password) with (transmi\$5 send\$3 exchang\$3)	USPAT	OR	ON	2006/09/29 17:13
S49	237	(encrypt\$3 scrambl\$3) near5 (user adj (information name id identifier) username password) same ((transmi\$5 send\$3 exchang\$3) with (encrypt\$3 scrambl\$3 public secret) adj key)	USPAT	OR	ON	2006/09/29 18:00
S50	1463	(playback) and (encrypt\$3 scrambl\$3) and record\$3 and (user adj (id identification identifier name))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 18:02
S51	854	player and (playback) and (encrypt\$3 scrambl\$3) and record\$3 and (user adj (id identification identifier name))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 12:42
S52	277	player and (playback) and (encrypt\$3 scrambl\$3) and record\$3 and (user adj (id identification identifier name))	USPAT	OR	ON	2006/09/29 18:21
S53	2	recording adj medium with contain\$3 with user adj (id identifier identification name)	USPAT	OR	ON	2006/09/29 18:24
S54	8	player same (playback play adj back) same (user adj (id identifier identification name) username)	USPAT	OR	ON	2006/09/29 18:25
S55	75	("6385596").URPN.	USPAT	OR	ON	2006/10/02 15:04
S56	2	kupka.in. and (compound adj key)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:09
S57	1	("6507909").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/03 15:09
S58	5	player and (playback) same (encrypt\$3 scrambl\$3) same record\$3 same (user adj (id identification identifier name))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 12:42

## EAST Search History

S59	40	(playback) same (encrypt\$3 scrambl\$3) same (user adj (id identification identifier name))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 13:21
S60	54	kim-jung.xa. kim-jung-w.xa. kim-jung-woo.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 14:31
S61	1	("6327652").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/06 15:11
S62	1	("5892900").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/06 15:11
S63	87	("6327652").URPN.	USPAT	OR	ON	2006/10/06 15:34
S64	0	("8967084").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/06 15:35
S65	1	("6236971").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/06 15:35
S66	50	("6236971").URPN.	USPAT	OR	ON	2006/10/06 15:37
S67	2913	((713/182) or (713/193) or (726/28) or (726/29)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/06 22:46
S68	412	S67 and (@pd > "20060412")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:42
S69	448	((726/28) or (726/29)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/06 22:47
S70	70	S69 and (@pd > "20060412")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 22:47
S71	1546	((713/182) or (713/193) or (726/28) or (726/29)).CCLS.	USPAT; USOCR	OR	OFF	2007/02/27 13:58
S72	180	S71 and (@pd > "20061006")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 13:58
S73	1	("6453369").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/27 14:16

## EAST Search History

S74	167	(reproduc\$4 replica\$4 play\$3) near2 (constraint rule requirement policy) same (authenticat\$3 verification verif\$4 validat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:01
S75	36	(playback same player adj (id identifier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:02
S76	53	("3763330"   "4266243"   "4393277"   "4455651"   "4473824"   "4499568"   "4682368"   "4698776"   "4725977"   "4772873"   "4788543"   "4788675"   "4851931"   "4941040"   "4989179"   "5042070"   "5055947"   "5065258"   "5099422"   "5132992"   "5159182"   "5172413"   "5181107"   "5191410"   "5191573"   "5210611"   "5247347"   "5251909"   "5253275"   "5311423"   "5359698"   "5371532"   "5383112"   "5420690"   "5440336"   "5442389"   "5491774"   "5491820"   "5493677"   "5524051"   "5539658"   "5541638"   "5557541"   "5572442"   "5579471"   "5634080"   "5664228"   "5675734"   "5699526"   "5727156"   "5727159"   "5732219"   "5752244").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 15:02
S77	105	("5926624").URPN.	USPAT	OR	ON	2007/02/27 15:09
S78	0	(playback same (smart adj card) same player adj (id identifier))	USPAT	OR	ON	2007/02/27 15:10
S79	0	(playback and (smart adj card ic adj card) same player adj (id identifier))	USPAT	OR	ON	2007/02/27 15:10
S80	0	(playback and (user adj identification adj module) same player adj (id identifier))	USPAT	OR	ON	2007/02/27 15:11
S81	0	(user adj identification adj module) same player adj (id identifier)	USPAT	OR	ON	2007/02/27 15:11
S82	1	(user adj identification adj module) same player adj (id identifier)	US-PGPUB; USPAT	OR	ON	2007/02/27 15:11
S83	1	(user adj (id identification) adj module) same player adj (id identifier)	US-PGPUB; USPAT	OR	ON	2007/02/27 15:12

## EAST Search History

S84	2	playback same (user adj (id identification) adj module)	US-PGPUB; USPAT	OR	ON	2007/03/01 12:37
S85	1	("5596639").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/01 13:09
S86	43	playback and (smartcard (ic smart) adj card) same user adj (identifier id)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 13:12
S87	1	("6385596").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/01 13:33
S88	1603	(726/22-24).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/01 13:33
S89	268	S88 and (@pd > "20060817")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 13:34
S90	1	("6341373").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/01 13:34
S91	20	("6341373").URPN.	USPAT	OR	ON	2007/03/01 13:36
S92	5	(upgrade same (trust valid\$4 authentic authenticat\$3) same (activex javascript visual adj basic applet))	USPAT	OR	ON	2007/03/01 13:37
S93	5	(upgrade same (trust\$2 valid\$4 authentic authenticat\$3) same (activex javascript visual adj basic applet))	USPAT	OR	ON	2007/03/01 13:39
S94	23	(upgrade same (trust\$2 valid\$4 authentic authenticat\$3) same (browser))	USPAT	OR	ON	2007/03/01 13:39
S95	16	("4035835"   "5436673"   "5680458"   "5752042"   "5790796"   "5808628"   "5867166"   "5870759"   "5974461"   "5991542"   "6006034"   "6009274"   "6049628"   "6049671"   "6199204"   "6202207").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 13:41
S96	0	player same audio and (reproducing adj (constraint rule policy restriction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/02 17:04



## EAST Search History

S97	185	player same (music audio) and (reproducing with (constraint rule policy restriction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/02 17:04
S98	363	player same (music audio) and ((reproduction reproducing) with (constraint rule policy restriction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/02 17:05
S99	3	("4823333"   "5764607"   "6529452").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 20:01
S10 0	1	("6170060").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/02 20:01
S10 1	21	("6170060").URPN.	USPAT	OR	ON	2007/03/02 20:02
S10 2	28	("5133079"   "5629980"   "5634012"   "5638443"   "5640453"   "5715403"   "5819032"   "5857020"   "5875108"   "5875298"   "5892900"   "5901246"   "5910987"   "5915019"   "5917912"   "5926624"   "5933498"   "5940504"   "5949876"   "5982891"   "6081750"   "6092080"   "6115818"   "6170060"   "6499106"   "6502079"   "6560651"   "6647417").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 20:34
S10 3	86	server adj authoriz\$3 adj access	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 20:54
S10 4	21	("6170060").URPN.	USPAT	OR	ON	2007/03/02 20:45
S10 5	14	("5068894"   "5452357"   "5715403"   "5745568"   "5870470"   "5926624"   "5937066"   "5956408"   "5978482"   "5995624"   "6005943"   "6072876"   "6170060"   "6384893").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 20:47
S10 6	7	server adj authoriz\$3 adj access with (code identifier id)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:10
S10 7	16	server adj authoriz\$3 adj access and (playback player)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 20:54

## EAST Search History

S10 8	28	("5133079"   "5629980"   "5634012"   "5638443"   "5640453"   "5715403"   "5819032"   "5857020"   "5875108"   "5875298"   "5892900"   "5901246"   "5910987"   "5915019"   "5917912"   "5926624"   "5933498"   "5940504"   "5949876"   "5982891"   "6081750"   "6092080"   "6115818"   "6170060"   "6499106"   "6502079"   "6560651"   "6647417").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 20:58
S10 9	11	("4405829"   "4932054"   "4977594"   "5136646"   "5136647"   "5247575"   "5771291"   "6088451"   "6104679"   "6134324"   "6192405").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:01
S11 0	0	server adj authoriz\$3 adj access same (music dvd movie cd)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:10
S11 1	0	server adj authoriz\$3 adj playback	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:10
S11 2	44	server with authoriz\$3 with playback	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/03 13:18
S11 3	51	("4709813"   "4710754"   "4967185"   "5023907"   "5128752"   "5305195"   "5305197"   "5347508"   "5353218"   "5410343"   "5420403"   "5483658"   "5568275"   "5651064"   "5673195"   "5696898"   "5734719"   "5751672"   "5802294"   "5804810"   "5822291"   "5860068"   "5892900"   "5892908"   "5893910"   "5895073"   "5899980"   "5915093"   "5920694"   "5930238"   "5940504"   "5960398"   "5987525"   "5991798"   "6006328"   "6009410"   "6012071"   "6016166"   "6018768"   "6034937"   "6035329"   "6044403"   "6055314"   "6070171"   "6097291"   "6097814"   "6101180"   "6128649"   "6182222"   "6199048"   "6289452").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:41
S11 4	596	burst adj cutting adj area	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:41

## EAST Search History

S11 5	6	burst adj cutting adj area same authorizat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 21:54
S11 6	1	("6035329").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/02 22:14
S11 7	44	("3829833"   "3911397"   "3924065"   "3946220"   "3970992"   "4070692"   "4071911"   "4112421"   "4209787"   "4217588"   "4220991"   "4232317"   "4270182"   "4305098"   "4528643"   "4555803"   "4577289"   "4633207"   "5027396"   "5222134"   "5319705"   "5321750"   "5365272"   "5375068"   "5388097"   "5400403"   "5410354"   "5410698"   "5450489"   "5457668"   "5457746"   "5499252"   "5509070"   "5535199"   "5535327"   "5550577"   "5553139"   "5553143"   "5559608"   "5563947"   "5613004"   "5629980"   "5636276"   "5638443").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 22:05
S11 8	1	("5892825").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/02 22:14
S11 9	44	("3829833"   "3911397"   "3924065"   "3946220"   "3970992"   "4070692"   "4071911"   "4112421"   "4209787"   "4217588"   "4220991"   "4232317"   "4270182"   "4305098"   "4528643"   "4555803"   "4577289"   "4633207"   "5027396"   "5222134"   "5319705"   "5321750"   "5365272"   "5375068"   "5388097"   "5400403"   "5410354"   "5410698"   "5450489"   "5457668"   "5457746"   "5499252"   "5509070"   "5535199"   "5535327"   "5550577"   "5553139"   "5553143"   "5559608"   "5563947"   "5613004"   "5629980"   "5636276"   "5638443").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 22:18
S12 0	0	server with authoriz\$3 with playback and bsr	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/03 13:18
S12 1	3	server with authoriz\$3 with playback and bca	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/03 13:34

## EAST Search History

S12 2	115	mutual\$3 with authenticat\$3 with (player playback)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/03 13:53
S12 3	117	mutual\$3 with authenticat\$3 with (player playback)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/03 13:53
S12 4	1424	authenticat\$3 with (player playback) not S123	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/03 13:53
S12 5	377	authenticat\$3 with (player playback) not S123	USPAT	OR	ON	2007/03/03 15:08